

SIREMOBIL Iso-C 3D Option

SP

Service Instructions

SP023/03/R

Title: Fix of potential MSBLAST worm problems

Reason for Update:

☒ Reliability

Urgency: ☐ Immediate ☒ Within 12 months

Update material required? ☒ Yes ☐ No

Materials free of charge? ☒ Yes ☐ No

Return of parts? ☐ Yes ☒ No

Estimated completion time: 1 Number of CSE's:1

Customer application training? ☐ Yes ☒ No

☐ Required for all systems under warranty or covered by service contract.

☒ Required for all affected systems.

Systems/Products affected/System identifying IVK

Name	Material No.	Serial No.
SIREMOBIL Iso-C	28 29 450	n.a.

Components affected/to be modified/IVK

Name	Material No.	Serial No.	Component status Affected
Option 3D Image display	56 46 950 G5486	01001 - 01182, 01184, 01185	n.a.

Remark:

Chg. Ref. No.: 129 832
Name: Arnold
Dept.: CS PS 24

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Document Revision Level

This document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

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Systems/Products Affected

All SIREMOBIL Iso-C systems with installed option 3D reconstruction.

Reason for the Update

The virus called "WORM_MSBLAST / MSBLAST or Worm_MSBLAST.D (W32.Welchia.Worm) is active at the moment.

If a system is infected, the virus can be removed and the system can be protected against this virus.

Prerequisites

The patch needs to be downloaded from the Intranet, see Work Steps

If still not performed, we recommend to update to the software version VB00B.
See Service Information SP012/03/I.

Special Tools / Documents

Service tools

Protective conductor meter e.g.	44 15 899
or Safety meter e.g. Bender safety meter	97 06 979

System binder

Software installation instructions

Ordering Information

The patch needs to be downloaded from the Intranet, see Work Steps.)

Contents of the Update Kit

n.a.

Return of Parts

n.a.

Work Steps

Checking for Virus / Worm

So far, five variations of the MS.Blaster worm have been identified:

Variations	File found on system
MSBlast.A	C:\WINNT\system32\msblast.exe
MSBlast.B	C:\WINNT\system32\penis32.exe
MSBlast.C	C:\WINNT\system32\teekids.exe
MSBlast.D	C:\WINNT\system32\wins\svchost.exe
MSBlast.E	C:\WINNT\system32\mspach.exe
MSBlast.F	C:\WINNT\system32\enbiei.exe

An infection can be detected by the presence of specific files on the infected system.

This worm is also known as Lovsan, Poza, WORM_MSBLAST, or Blaster. Type D is also known as Nachi or Welchia.

- Start the system
- From the Syngo user interface, select "Options" / "Local Service". The service home menu appears.
- Select "Utilities".
- Under "Source", select the item "Unlock system key" and click on "OK".
- Press the "CTRL" + "ESC" keys simultaneously.
- Press "Enter". The Windows Task bar appears. Start the windows explorer (menu "Start" - "Programs" - "Windows NT Explorer".
- Check if any of the above files are found on the system, using the Windows Explorer.

NOTE

If any of the above mentioned files was found on your system, you must first perform the installation of the 3D reconstruction software, before installing the hotfix.

3D reconstruction software installation

NOTE

Perform the 3D reconstruction software installation only, if any of the above mentioned files was found or the SI SP029/03/I was still not performed. See section "Checking for Virus / Worm".
If the SI SP029/03/I is still not performed we recommend to install the new software version VB00B before installing the hotfix.

- Save the patient images on CD-R (burn it on CR-R) and Backup the 3D PC parameters.
- Disconnect the SIREMOBIL Iso-C from the network.
- Reinstall the existing 3D reconstruction software or install the SW update VB00B (SI SP012/03/I). Use the existing SW installation description.

Hotfix installation

- Download the selfextracting file 'Iso-C_3D_MS03-039.exe'.
The file can be found in the intranet, path: 'For Service' - 'SP' - 'SURGERY' - 'SIREMOBIL Iso-C' - 'Software' - 'Iso-C_3D_MS03-039.exe'.
- Extract the selfextracting files on your PC. A new directory 'Iso-C_3D_SecurityPatch' will be created. The file 'MS03-039.exe' will be extracted into the new directory.
- Copy (burn) the file "MS03-039.exe" on a CD-R media or a empty, formatted floppy disk (1,44MB).
- Start the SIREMOBIL Iso-C system.
- ON running system, make sure that no patient is registered.
- Take this media to the SIREMOBIL Iso-C 3D reconstruction PC and insert it into the CD-R drive or floppy disk drive.
- Enter the local service.
- In service menu, select <Utilities>.
- On utilites page, select <Escape to OS>.
- Enter the command: <dir R:\> (for CD ROM) or <dir A:\> (for floppy disk) and press enter.
The directory contains the hotfix "MS03-039.exe".
- Enter the command <R:\MS03-039.exe /z /q> (for CD ROM) or <A:\MS03-039.exe /z/q> (for floppy disk) and press enter.
- Wait until the output area of the service page (previously containing the directory listing from above) becomes blank.

Í The hotfix is done.
- Click on <Home>.
- Close the local service browser window.
- Switch off the SIREMOBIL Iso-C.
- The SIREMOBIL Iso-C shuts down.

NOTE

Potentially appearing error dialogs are part of the update procedure and have to be aknowledged. During subsequent shutdowns no more error dialogs will appear.

- Wait until shutdown is completely done (imaging system has switched off)..

NOTE

You must reinstall this patch if 3D reconstruction software was reloaded.

Final Check

- After rebooting the system, check the dicom functionality "DICOM Send" to one of the available nodes.

NOTE

As default DICOM node (node1), the 3D reconstruction PC is configured. Send the images not to the 3D reconstruction PC, send it to another configured DICOM node.

Customer Information

n.a.

Final Work Steps

- Mark the CD ROM or Floppy disk as "Disk 1 Security patch MS03-039" and the actual date.
- Insert the marked CD-Rom or Floppy disk with the files "MS03-039.exe" and "verify.bat" in the log book.
- If covers of the system needed to be removed, reattach all covers and perform the protective conductor test in accordance with ARTD-002.731.17...
- Update the system documentation.
Fill out, and if needed, make a copy of the attached "Completion Protocol/ Update Completion Form" and file it in the corresponding System Binder/User Handbook.
- Updates that have already been completed prior to publication of this SI must also be reported.
- The update is reported as follows:
- Use a standard sentence
 - (- The update is reported as follows:
 - The modification reply cards (Type 606) previously distributed with the publication of updates no longer apply.
 - The modification reply report has to be prepared by authorized personnel using an application on the Intranet.)

Update Completion Form

The update with the number **SP023/03/R** has been completed.

Material number:

Serial number:

Customer: Functional Location:

Customer No.:

Name (CSE): Telephone:

Country: Location:

Date: Signature:

Remark:

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NOTE

After completing the update, make a copy of this page, fill it out and file it in the corresponding System Binder/User Handbook.

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